

9. The apparatus of claim 1, wherein the second center frequency comprises a center of a notch band of the notch filter.

10. The apparatus of claim 1, wherein the combined output includes a notch frequency at a frequency offset from the second clock frequency.

11. A method comprising:

receiving, at a bandpass filter, a differential signal, wherein the bandpass filter comprises a resistive-capacitive configuration of N-path filters tunable to a first center frequency based on at least a first clock frequency;

receiving, at a notch filter, the differential signal, wherein the notch filter comprises a capacitive-resistive configuration of N-path filters tunable to a second center frequency based on at least a second clock frequency; and

combining, by a combiner coupled to the bandpass filter and the notch filter, a bandpass output signal provided by the bandpass filter and a notch output signal provided by the notch filter, wherein the combiner outputs a combined output.

12. The method of claim 11 further comprising:

splitting, by a balun, a radio frequency signal to generate the differential signal.

13. The method of claim 11, wherein the combiner comprises a differential difference amplifier.

14. The method of claim 11, wherein the first clock frequency and the second clock frequency are the same frequency.

15. The method of claim 11 further comprising:

varying a first clock frequency and a second clock frequency to vary at least one of the first center frequency and the second center frequency.

16. An apparatus comprising:

means for receiving, at a bandpass filter, a differential signal, wherein the bandpass filter comprises a resistive-capacitive configuration of N-path filters tunable to a first center frequency based on at least a first clock frequency;

means for receiving, at a notch filter, the differential signal, wherein the notch filter comprises a capacitive-resistive configuration of N-path filters tunable to a second center frequency based on at least a second clock frequency; and

means for combining, by a combiner coupled to the bandpass filter and the notch filter, a bandpass output signal provided by the bandpass filter and a notch output signal provided by the notch filter, wherein the combiner outputs a combined output.

17. A non-transitory computer-readable storage medium including computer program code, which when executed by at least one processor circuitry causes operations comprising:

receiving a radio frequency signal;

filtering, by an N-path bandpass filter tunable to a first center frequency having a pass band, a received radio frequency signal into a first output signal;

suppressing, by an N-path notch filter tunable to a second center frequency, the received radio frequency signal into a second output signal; and

combining, by a combiner coupled to the N-path bandpass filter and the N-path notch filter, the first output signal provided by the N-path bandpass filter and the second output signal provided by the N-path notch filter.

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